

1645

## RAW SEQUENCE LISTING

DATE: 04/05/2001

PATENT APPLICATION: US/09/465,276

TIME: 10:18:23

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\04052001\I465276.raw

Does Not Comply  
Corrected Diskette Needed

W--&gt;

3 / 3

7 <110> APPLICANT: United States Army Medical Research Institute of Infectious Diseases  
 8 Bavari, Sina  
 9 Torres Melendez, Edna R.  
 10 Lebeda, Frank J.  
 12 <120> TITLE OF INVENTION: Antibodies Against Type A Botulinum Neurotoxin  
 14 <130> FILE REFERENCE: 003/175/SAP  
 16 <140> CURRENT APPLICATION NUMBER: US 09/465,276  
 18 <141> CURRENT FILING DATE: 1999-12-16  
 20 <150> PRIOR APPLICATION NUMBER: US 60/112,632  
 22 <151> PRIOR FILING DATE: 1998-12-17  
 24 <160> NUMBER OF SEQ ID NOS: 4  
 26 <170> SOFTWARE: Apple Macintosh Microsoft Word 6.0  
 28 <210> SEQ ID NO: 1  
 30 <211> LENGTH: 141  
 31 <212> TYPE: PRT  
 32 <213> ORGANISM: Botulinum neurotoxin type A

W--&gt; 33 &lt;220&gt; FEATURE:

W--&gt; 34 &lt;400&gt; SEQUENCE: 1

35 Leu Asn Ser Ser Leu Tyr Arg Gly Thr Lys  
 36 5 10  
 38 Phe Ile Ile Lys Lys Tyr Ala Ser Gly Asn  
 39 15 20  
 41 Lys Asp Asn Ile Val Arg Asn Asn Asp Arg  
 42 25 30  
 44 Val Tyr Ile Asn Val Val Val Lys Asn Lys  
 45 35 40  
 47 Glu Tyr Arg Leu Ala Thr Asn Ala Ser Gln  
 48 45 50  
 50 Ala Gly Val Glu Lys Ile Leu Ser Ala Leu  
 51 55 60  
 53 Glu Ile Pro Asp Val Gly Asn Leu Ser Gln  
 54 65 70  
 56 Val Val Val Met Lys Ser Lys Asn Asp Gln  
 57 75 80  
 59 Gly Ile Thr Asn Lys Cys Lys Met Asn Leu  
 60 85 90  
 62 Gln Asp Asn Asn Gly Asn Asp Ile Gly Phe  
 63 95 100  
 65 Ile Gly Phe His Gln Phe Asn Asn Ile Ala  
 66 105 110  
 68 Lys Leu Val Ala Ser Asn Trp Tyr Asn Arg  
 69 115 120  
 71 Gln Ile Glu Arg Ser Ser Arg Thr Leu Gly  
 72 125 130  
 74 Cys Ser Trp Glu Phe Ile Pro Val Asp Asp  
 75 135 140

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77 Gly
79 <210> SEQ ID NO: 2
81 <211> LENGTH: 25
83 <212> TYPE: PRT
84 <213> ORGANISM: Botulinum neurotoxin type A
W--> 85 <220> FEATURE:
W--> 86 <400> SEQUENCE: 2
87 Gly Thr Lys Phe Ile Ile Lys Lys Tyr Ala
88                      5                      10
90 Ser Gly Asn Lys Asp Asn Ile Val Arg Asn
91                      15                      20
93 Asn Asp Arg Val Tyr
94                      25
96 <210> SEQ ID NO: 3
98 <211> LENGTH: 25
100 <212> TYPE: PRT
101 <213> ORGANISM: Botulinum neurotoxin type A
W--> 102 <220> FEATURE:
W--> 103 <400> SEQUENCE: 3
104 Gly Ile Thr Asn Lys Cys Lys Met Asn Leu
105                      5                      10
107 Gln Asp Asn Asn Gly Asn Asp Ile Gly Phe
108                      15                      20
110 Ile Gly Phe His Gln
111                      25
112 <210> SEQ ID NO: 4
114 <211> LENGTH: 25
116 <212> TYPE: PRT
117 <213> ORGANISM: Botulinum neurotoxin type A
W--> 118 <220> FEATURE:
W--> 119 <400> SEQUENCE: 4
120 Ala Leu Asn Asp Leu Cys Ile Lys Val Asn
121                      5                      10
123 Asn Trp Asp Leu Phe Phe Ser Pro Ser Glu
124                      15                      20
126 Asp Asn Phe Thr Asn
127                      25

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## VERIFICATION SUMMARY

DATE: 04/05/2001

PATENT APPLICATION: US/09/465,276

TIME: 10:18:24

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\04052001\I465276.raw

L:3 M:259 W: Allowed number of lines exceeded, (1) GENERAL INFORMATION:

L:33 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:34 M:283 W: Missing Blank Line separator, &lt;400&gt; field identifier

L:85 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:86 M:283 W: Missing Blank Line separator, &lt;400&gt; field identifier

L:102 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:103 M:283 W: Missing Blank Line separator, &lt;400&gt; field identifier

L:118 M:283 W: Missing Blank Line separator, &lt;220&gt; field identifier

L:119 M:283 W: Missing Blank Line separator, &lt;400&gt; field identifier